

are added by the adder 63. The output $(I+J)$ is applied to the other terminal of the adder 67. The output $\{ (B+C) - (A+D) \} + \{ (I+J) \}$ of the adder 67 is applied to the coefficient multiplier 77 where the $\{ (B+C) - (A+D) \} + \{ (I+J) \}$ is multiplied by a constant K ($K=0-1$) for correction. The multiplied output $K [\{ (B+C) - (A+D) \} + \{ (I+J) \}]$ is applied to a minus terminal of the subtracter 70. Thus, the tracking error signal $\{ (F+G) - (E+H) \} - K [\{ (B+C) - (A+D) \} + \{ (I+J) \}]$ is produced from a terminal 73.

IN THE CLAIMS:

Please cancel claims 3 and 4 without prejudice.

Please amend claim 1 as follows. A copy of the marked-up original claim 1 is attached to this Response showing the changes, as required by amended 37 C.F.R. §1.121.

Sub
D1
B2

1. (Amended) A reading system for reading a writable optical disc having an information writing track, a guiding track for introducing a laser beam to the information writing track, and prepit information including address information recorded on the guiding track, the system comprising:

a first photodetector having photodetecting elements divided at least by a first dividing line optically parallel with a tangential direction of the information writing track of the disc for detecting reflected light of a first laser beam irradiated to the information writing track;

a second photodetector having photodetecting elements divided at least by a second dividing line optically parallel with the tangential direction for detecting reflected light of a second laser beam irradiated to the guiding track;

first difference signal producing means for producing a first difference signal based on a difference between outputs of the photodetecting elements of the first photodetector being divided by the first dividing line;

second difference signal producing means for producing a second difference signal based on a difference between outputs of the photodetecting elements of the second photodetector being divided by the second dividing line,

level adjust means for adjusting a level of at least the second difference signal, and

tracking error signal producing means for producing a tracking error signal based on subtracting an output signal of the level adjust means from the first difference signal.

Please add new claim 5 as follows:

B3 3. (New) The reading system according to claim 1, wherein the level adjust means comprises a multiplier.--

REMARKS

The Office Action June 13, 2001, has been received and carefully noted. The above amendments and the following remarks are submitted as a full and complete response thereto.

By this Amendment, claims 3 and 4 have been canceled without prejudice or disclaimer. The specification and claim 1 are amended. New claim 5 is added. No new